09-945270   CofC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Aidan Martin McKinney

Patent: 6,813,491 B1

Title: METHOD AND APPARATUS FOR
ADAPTING SETTINGS OF WIRELESS
COMMUNICATION DEVICES IN
ACCORDANCE WITH USER PROXIMITY

Attorney Docket No.:
UWP1P043/P1168

Issued: November 2, 2004

REQUEST FOR CERTIFICATE OF CORRECTION
OF OFFICE MISTAKE
(35 U.S.C. §254, 37 CFR §1.322)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Attn: Certificate of Correction

Certificate
DEC 2 0 2004
of Correction

Dear Sir:

Attached is Form PTO-1050 (Certificate of Correction) at least one copy of which is suitable for printing. The errors together with the exact page and line number where they occur, and shown correctly in the application filed, are as follows:
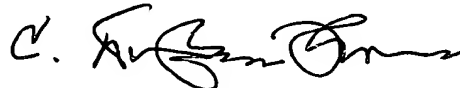
SPECIFICATION:

1.   Column 8, line 5, "40B" should be --406--. This appears correctly in the patent application as filed on page 13, paragraph 2, line 1.

2.   Column 10, line 54, "carder waves" should be --carrier waves--. This appears correctly in the patent application as filed on page 17, paragraph 3, line 8.

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Patentee hereby requests expedited issuance of the Certificate of Correction because the error lies with the Office and because the error is clearly disclosed in the records of the Office. As required for expedited issuance, enclosed is documentation that unequivocally supports the patentee's assertion without needing reference to the patent file wrapper.

It is noted that the above-identified errors were printing errors that apparently occurred during the printing process. Accordingly, it is believed that no fees are due in connection with the filing of this Request for Certificate of Correction. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. UWP1P043).

Respectfully submitted,
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DEC 2 0 2004

has been stationary for a first predetermined period of time, then mobile device settings are altered 406 to stationary preferences. Alternatively, when the decision 404 determines that the mobile device has not been stationary for the first predetermined period of time, then the mobile device settings are altered 408 to active preferences.

[00045]   Following operations 406 and 408, a decision 410 determines whether the mobile device has been stationary for a second predetermined period of time. Typically, the second predetermined period of time is greater than the first predetermined period of time. When the decision 410 determines that the mobile device has been stationary for the second predetermined period of time, then a usage lock on the mobile device is activated 412. In one embodiment, the usage lock is a software lock that attempts to prevent usage of the mobile device by unauthorized users. Once locked, the "unlocking" of the mobile device is typically performed by entering a code (e.g., entering a Personal Identification Number (PIN)). Following the operation 412, as well as following the decision 410 when the mobile device has not been stationary for the second predetermined period of time, the motion-based processing 400 returns to repeat the operation 402 and subsequent operations.

[00046]   Although the first and second predetermined periods of time can vary considerably depending upon implementation, consider an example in which the first predetermined period of time is 5 minutes and the second predetermined period of time is 10 minutes. In this example, when the motion indicator indicates that the mobile device has been stationary for at least 5 minutes, then the mobile device settings can be altered 406 in accordance with stationary preferences. For example, a notification unit (e.g., ringer) could be set to a ring mode since it is believed that the user is away from the mobile device. Alternatively or additionally, a ring tone and/or volume level could be set. Further, when the mobile device has been stationary for at least 10 minutes, the mobile device can also activate the usage lock so that unauthorized users are restricted from using the mobile device. Here, the activation 412 of the usage lock need only be performed when the usage lock is currently not already activated.

design and construction of the network gateway 600 and the mobile device 650 are contained in U.S. Patent No. 5,809,415 entitled "METHOD AND ARCHITECTURE FOR AN INTERACTIVE TWO-WAY DATA COMMUNICATION NETWORK," which is hereby incorporated by reference.

[00055]   The invention is described above as largely being performed in a mobile device. However, the invention can also be performed in a client-server manner. FIG. 1 illustrates a client-server arrangement with the mobile device 116 being the client and the network gateway 108 being the server. For example, the mobile device 116 and the network gateway 108 can interact to perform the invention. In general, the mobile device could inform the network gateway that it is stationary, then the network gateway can determine how it wishes the mobile device to operate and send appropriate instructions to the mobile device to effectuate such operation.

[00056]   The invention is preferably implemented in software, but can be implemented in hardware or a combination of hardware and software. The invention can also be embodied as computer readable code on a computer readable medium. The computer readable medium is any data storage device that can store data which can be thereafter be read by a computer system. Examples of the computer readable medium include read-only memory, random-access memory, CD-ROMs, magnetic tape, optical data storage devices, carrier waves. The computer readable medium can also be distributed over network-coupled computer systems so that the computer readable code is stored and executed in a distributed fashion.

[00057]   The advantages of the invention are numerous. Different embodiments or implementations may yield one or more of the following advantages. One advantage of the invention is that settings of mobile devices are able to be automatically adapted in accordance with user proximity (e.g., via motion sensing). Another advantage of the invention is that the probability of answering incoming calls is increased. Another advantage of the invention is that theft deterrence can be provided by a usage lock that can be automatically invoked. Still another advantage of the invention is that mobile devices are able to be more useful and controlled in intelligent, automated ways.

(Also Form PT-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO.   : 6,813,491 B1

DATED   : November 2, 2004

INVENTOR(S) : Aidan Martin McKinney

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In the Specifications:

In column 8, line 5, "40B" should be --406--.

In column 10, line 54, "carder waves" should be --carrier waves--.

MAILING ADDRESS OF SENDER:

PATENT NO. 6,813,491 B1

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